

27-11-12-12-12  
CJC:69026 #1

F. Field has copy

CJC:69026

1 December 1969

Dear Howard:

We are forwarding the enclosed Proposal CJC:69026 for a system of purging the telescope assembly. The proposal is submitted in response to suggestions by field personnel that a system be devised whereby the system could be purged externally. Purging the telescope in the present configuration requires that the dome assembly be removed and each side of the telescope purged separately. The purge system allows the telescope to be purged by removing only the system purge port and two screws from the manifold. A manifold assembly is installed inside the system purge port. The two chambers of the telescope are connected in a series using Tygon tubing. The tubing also connects the intake and vent port on the telescope to the manifold assembly. The telescope is purged by removing the system purge port and two screws of the manifold assembly and connecting nitrogen to one manifold port and venting through the other port for approximately five minutes.

Recent findings suggest that the telescope be purged at each preflight and post flight inspection. It is recommended that the proposed change incorporating the proposed purging system be accomplished in the next factory overhaul; however, if you do not feel that this is soon enough, field installation is feasible. Kits can be made available in about thirty days after approval from you.

Enclosure (1) is a summary of the cost to fabricate and install thirteen each surge systems, twelve for the production group and one spare.

  
Colin

Enclosure:

(1) Cost Breakdown

25 YEAR RE-REVIEW

CJC:69026  
Enclosure (1)

COST BREAKDOWN

Material

Raw Material	\$60	
Total Materials		\$ 60
Material Burden @ 11%		<u>6</u>
Total Material Including Burden		\$ 66

	<u>Hours</u>	<u>Rate/Hour</u> \$	<u>Amount</u> \$
<u>R&amp;D POOL</u>			
<u>(Engineering)</u>			
Salaried	76	7.00	532
Hourly	300	4.46	<u>1,338</u>
Total R&D Direct Labor			1,870
Direct Labor Overhead @ 135%			<u>2,525</u>
Total Direct Costs Including Overhead			4,461
General and Administrative Expense @ 14.8%			<u>660</u>
Total Estimated Cost			5,121
Fixed Fee			<u>410</u>
Total Estimated Cost Including Fixed Fee			\$5,531

505A 0970-65/11W/148  
1052 #1

20 November 1969

Reference: AG-1103

Howard:

We have reviewed the referenced contract and have the following comments to offer:

1. It is our understanding that AG-1103 is strictly a repair contract. Outside of minor necessary materials, all new spare parts to be used with this contract will have originated under AG-1100 or AG-1104.
2. It is our further understanding that all work chargeable to this contract shall be authorized by a Depot Work Order or an approval from Headquarters. In effect there is no "sustaining" money in this contract; such sustaining requirements will be met under AG-1100 until 30 June 1970 after which a new contract will be negotiated.
3. We are unable to execute the certificate, page 3, of this contract since the holders of the Corporate seal are not cleared nor aware of the existence of this contract.
4. In accordance with the Changes Clause, it is requested that the following changes to Appendix I, Exhibit A to the contract be approved:
  - a. Under paragraph 3, besides the 11% materials charge, the computer automatically applies a 14.8% G&A as a DCAA approved charge. The 14.8% G&A, therefore, needs to be added to paragraph 3. FY 1970 12/1/69
  - b. Under paragraph 4, travel costs, although covered by my outside checking account at cost, also are charged with a 14.8% G&A as "other costs" when I submit a request for additional funds for my account. The 14.8% G&A also needs to be added to paragraph 4.

With your concurrence of the foregoing, we are executing the AG-1103 Contract and forwarding herewith Copies 1 and 3.

  
Colin

Encl.

DATE 17 July 1969

MEMORANDUM FOR: Chief, Industrial Audit Division, OSA

SUBJECT: Request for Audit

CONTRACTOR: Aerojet-General Corp.

Contract No: AG-1103

Type of Contract: T&M

Type of Audit Required: Cost Analysis

Dollar Value of Contract: \$125,000

Date Audit Required: ASAP

NEGOTIATOR:

Proposal Attached

CMD/OSA

STAT

DATE July 18, 1969

MEMORANDUM FOR: Contracts Management Division, OSA

Audit Scheduled For: ASAP

C/IAD/OSA

**SECRET**  
(When Filled In)

**REQUEST FOR PAYMENT AND POSTING VOUCHER**

VOUCHER NO.—DATE 2-12

TO : Accounts Division  
THROUGH: Monetary Division

(Room  
(Room

Bldg.  
Bldg.

DIVISION VOUCHER NO.

8 July 71

0160

Request payment be made and/or transaction be recorded as indicated below. Pertinent documentation in support of this transaction is on file in this office.

SUBJECT

PAYMENT TO **AEROJET GENERAL**INVOICE NO(S). **1 FINAL**AMOUNT **\$84,995.00**CONTRACT NO. **AG-1103**

CHECK TO BE DATED

CASH PAYMENT



U.S. TREASURY CHECK

AGENT CASHIER CHECK

BANK CASHIER'S CHECK

THE ATTACHED CHECKS AND/OR CASH IN THE AMOUNT OF \$

SHOULD BE TAKEN INTO ACCOUNT AS INDICATED BELOW.

I HEREBY AUTHORIZE MY AGENT, WHOSE SIGNATURE APPEARS BELOW, TO RECEIVE \$

DATE SIGNATURE OF PAYEE

DATE

SIGNATURE OF AGENT

OF OFFICIAL FUNDS IN CURRENCY ON MY BEHALF.  
DATE SIGNATURE OF RECIPIENT

DESCRIPTION—ALL OTHER ACCOUNTS 13-33

DESCRIPTION—  
ADVANCE ACCOUNTS 13-27

SHIP. DOC. NO.

34-39  
STATION  
CODE

REC. RPT. NO.

PROJECT NO.

40-41  
E  
K  
C  
O  
D  
E42-47  
OBLIG.  
REF. NO.ADVANCE  
ACCT. NO.

EMP. NO.

48-49  
PAY  
PER.LIQ.  
CODE

YR.

50-54  
CA  
OR  
C  
O  
S  
T  
ACCT. NO.GENERAL  
LEDGER

ACCT. NO.

55-56  
ALLOT.-COST-FAN  
ACCOUNT SYMBOLF  
Y  
D  
E61-66  
CK. NO.

X REF. NO.

67-70  
OBJECT  
CLASS68-70  
DUE  
DATE71-80  
AMOUNT

DEBIT

CREDIT

AEROJET  
AEROJET  
AEROJET

88 00/103

142410761-1059

2540

60,000.00

88 00/103

142410761-1033

2540

24,995.00

84,995.00

ORIG & 1-ADDRESSEE  
1-CONTR FILE  
1-VOU FILE

TOTALS

84,995.00 84,995.00 STAT

DATE

7-8-71

DATE

REVIEWED BY

CERTIFIED FOR PAYMENT OR CREDIT

DATE

SIGNATURE OF CERTIFYING OFFICER

Standard Form 1034 7 GAO 5000 1034-114		<b>PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL</b>				VOUCHER NO. Compl. #1	
U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION				DATE VOUCHER PREPARED 23 December 1970		SCHEDULE NO.	
				CONTRACT NUMBER AND DATE AG-1103 5 November 1969		PAID BY	
				REQUISITION NUMBER AND DATE			
PAYEE'S NAME AND ADDRESS  Aerojet Electrosystems Company 1100 W. Hollyvale Azusa, California 91702				DATE INVOICE RECEIVED			
				DISCOUNT TERMS			
				PAYEE'S ACCOUNT NUMBER			
				GOVERNMENT B/L NUMBER			
SHIPPED FROM		TO		WEIGHT			
NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST PER		AMOUNT (1)	
As of	29 Nov. 1970	Salary Hours W. O. 8941-03	2201	19.40	Hr.	\$ 42,694.00 42,694.40	
Final Billing		Hourly Hours W. O. 8941-03	2523	14.04	Hr.	35,422.92	
		Mat'l & O.D.C. W. O. 8941-03				5,910.00	
		Mat'l Burden 11%				650.10	
		G&A on Mat'l + Burden 14.8%				970.89	
<i>Disallowance lost up held</i> (652.91) 84,995.00							
(Use continuation sheet (s) if necessary)						TOTAL \$ 84,995.00	
PAYMENT:		APPROVED FOR		EXCHANGE RATE		DIFFERENCES	
<input type="checkbox"/> COMPLETE		BY 2		-\$ 1.00			
<input type="checkbox"/> PARTIAL		TITLE					
<input type="checkbox"/> FINAL							
<input type="checkbox"/> PROGRESS							
<input type="checkbox"/> ADVANCE							
Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.							
(Date)		(Authorized Certifying Officer) 2			(Title)		
ACCOUNTING CLASSIFICATION							
(Date)		STAT					
9 JUL 1971							
(Date)							
PAID BY	CHECK NUMBER	ON TREASURER OF THE UNITED STATES			CHECK NUMBER	ON (Name of bank)	
	CASH	DATE			PAYEE 3		
1. When stated in foreign currency, insert name of currency. 2. If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title. 3. When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.					PER		
					TITLE		

AEROJET-GENERAL CORPORATION  
 AEROJET ELECTROSYSTEMS COMPANY  
 P. O. BOX 296  
 AZUSA, CALIFORNIA 91702

CONTRACT NO. AG 1103

CONTRACTOR'S RELEASE

Pursuant to the term of Contract No. AG 1103  
 and in consideration of the sum of Eighty-four thousand, nine-hundred  
ninety five and no/100 (\$ 84,995.00)  
 which has been or is to be paid under the said contract to AEROJET-GENERAL  
 CORPORATION, P. O. BOX 296, AZUSA, CALIFORNIA, (hereinafter called the Contractor)  
 or to its assignees, if any, the Contractor, upon payment of the said sum by the  
 UNITED STATES OF AMERICA (hereinafter called the Government), does remise, release,  
 and discharge the Government, its officer, agents and employees, of and from all  
 liabilities, obligations, claims, and demands whatsoever under or arising from the  
 said contract except: NONE

1. Specified claims in stated amounts or in estimated amounts where the  
 amounts are not susceptible of exact statement by the Contractor, as follows:  
 Contested Corporate Public/Community Relations Expense commencing the fiscal year  
 ending November 30, 1966 and subsequent fiscal years; such Expense applicable to this  
 contract is estimated to be \_\_\_\_\_  
 (\$ \_\_\_\_\_).

2. Claims, together with reasonable expenses incidental thereto, based  
 upon the liabilities of the Contractor to third parties arising out of the  
 performance of the said contract, which are not known to the Contractor on the date  
 of the execution of this release and of which the Contractor gives notice in  
 writing to the Contracting Officer not more than six (6) years after the date of the  
 release or the date of any notice to the Contractor that the Government is prepared  
 to make final payment, whichever is earlier.

3. Claims for reimbursement of costs (other than expenses of the  
 Contractor by reason of its indemnification of the Government against patent  
 liability), including reasonable expenses incidental thereto, incurred by the  
 Contractor under the provisions of the said contract relating to patents.

The Contractor agrees, in connection with patent matters and with claims which are  
 not released as set forth above, that it will comply with all of the provisions of  
 the said contract, including without limitation those provisions relating to  
 notification to the Contracting Officer and relating to the defense or prosecution  
 of litigation.

IN WITNESS WHEREOF, this release has been executed this 30th day of  
June 19 71.

AEROJET-GENERAL CORPORATION  
 AEROJET ELECTROSYSTEMS COMPANY  
 (Contractor)

By [Signature] STAT  
 Title Senior Contract Administrator

CERTIFICATE

I, \_\_\_\_\_, certify that I am the \_\_\_\_\_  
 of the corporation named as Contractor in  
 the foregoing release; that \_\_\_\_\_ who signed said release on  
 behalf of the Contractor was then \_\_\_\_\_  
 of said corporation; that said release was duly signed for and in behalf of said  
 corporation by authority of its governing body and is within the scope of its  
 corporate powers.

(CORPORATE SEAL)

*Aeroflot General Corp*  
*Contract No. AG-1103*

*\* Note - Do not*

*if #25,000.00*

Proj: <i>MOBOLD</i>	<i>C-457</i>
<i>0261-1033</i>	<i>#1</i>
<i>001103</i>	

<i>Date</i>	<i>Processed</i>	<i>Number</i>	<i>Amount</i>	<i>withheld</i>	<i>Refund</i>	<i>Balance</i>	<i>Obligated</i>	<i>Balance</i>	<i>Obligated</i>
<i>8-5-69</i>	<i>It's of Int. obligation 1970</i>	<i>Common as follows</i>				<i>125000.00</i>	<i>125000.00</i>	<i>20,000.00</i>	<i>30,000.00</i>
<i>5-21-70</i>	<i>amend #1 dtd 24 May</i>	<i>Oblig FY 70 Funded</i>							
<i>6-16-70</i>	<i>Letter #2-1250-1534</i>	<i>12-23-70</i>	<i>1 FINAA</i>	<i>8564991</i>	<i>(65291)</i>	<i>84995-</i>	<i>84995-</i>	<i>5005-</i>	<i>24995-</i>
<i>7/15</i>	<i>final OPA</i>	<i>26741-71 dtd 7/13/71</i>	<i>disallowed 70,000.00</i>	<i>(5,000.00)</i>					



170 KoboD = \$ 30,000.00